

Human leucine-rich alpha-2-glycoprotein 1 ELISA Kit | LRG1 elisa kit

Human leucine-rich alpha-2 glycoprotein 1, LRG1 ELISA Kit

CATALOG #
AAA15188

REACTIVITY
Human

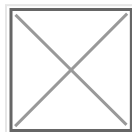
PRODUCT SYNONYMS

leucine-rich alpha-2-glycoprotein 1; Human leucine-rich alpha-2 glycoprotein 1; LRG1 ELISA Kit; Human leucine-rich alpha-2 glycoprotein 1 (LRG1) ELISA Kit; HMFT1766; LRG; 1300008B03Rik; 2310031E04Rik; leucine rich alpha 2 glycoprotein; LRG1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human LRG1. No significant cross-reactivity or interference between human LRG1 and analogues was observed.
Sequence Length	347
Samples	Serum, urine, tissue homogenates
Assay Type	Quantitative Competitive
Detection Range	0.156 ug/ml-40 ug/ml
Sensitivity	< 0.156ug/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<12%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LRG1 elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antigen. Standards or samples are added to the appropriate microtiter plate wells with antibody specific for LRG1 and Horseradish Peroxidase (HRP) conjugated goat-anti-mouse antibody. The competitive inhibition reaction is launched between with pre-coated LRG1 and LRG1 in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of LRG1 in the sample. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #

16418467

NCBI GeneID	116844
NCBI Accession #	NP_443204.1
NCBI GenBank Nucleotide #	NM_052972.2
UniProt Accession #	P02750 ; Q8N4F5 ; Q96QZ4
Molecular Weight	38,178 Da
NCBI Official Full Name	leucine-rich alpha-2-glycoprotein
NCBI Official Synonym Full Names	leucine-rich alpha-2-glycoprotein 1
NCBI Official Symbol	LRG1
NCBI Official Synonym Symbols	LRG; HMFT1766
NCBI Protein Information	leucine-rich alpha-2-glycoprotein; 1300008B03Rik; 2310031E04Rik; leucine rich alpha 2 glycoprotein
UniProt Protein Name	Leucine-rich alpha-2-glycoprotein
UniProt Gene Name	LRG1
UniProt Synonym Gene Names	LRG; LRG
UniProt Entry Name	A2GL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/lrg1-human-elisa-kits/leucine-rich-alpha-2-glycoprotein-1/15188>